

is improved without decreasing the volume of the wind from the blower or increasing the weight and volume of the device.

WHAT IS CLAIMED IS

1. In an engine blower wherein a fan inside a blower case is rotated by driving the engine provided on one side of the blower case, the air is suctioned into the blower case from a main suction port, and the air in the blower case is jetted through an outlet port provided on the outer periphery of the blower case, the engine blower is characterized in that a fan having vanes to generate the wind for the blower and vanes to generate the wind for cooling the engine on both sides of a rotating plate is axially mounted inside the blower case in a freely rotatable fashion, an inlet port is provided near the center of the fan on the wall separating the engine case and the blower case, an inlet port to suction the air outside the engine case is provided at one end of a passage for passing the air from the case toward the inlet port on said wall while contacting the air with the engine cylinder, and the engine is cooled by the air suctioned into the engine case by the negative pressure on the suction side.
2. The engine blower as claimed in Claim 1 wherein the air

inlet port in the engine case is provided opposite to the inlet port on the line connecting the inlet port provided on the wall separating the engine case and the blower case and the cylinder.

3. The engine blower as claimed in Claim 1 wherein the ceiling of the engine case is set high to include the outer periphery of the blower case, an air inlet port is provided on a part of the outer periphery of the blower case covered by the ceiling to supply the compressed air generating in the blower case to the engine case, an air passage connecting with the air inlet port is formed on the inside of the ceiling, and a through hole is provided in the air passage to introduce the air into the engine case from above the cylinder.

4. The engine blower as claimed in Claim 3 wherein the air passage provided on the inside of the ceiling is formed such that the air suctioned from the air inlet port at one end is passed to the direction of the through hole at the other end by providing a horizontal guide plate at the upper end of the wall separating the engine case and the blower case, the guide plate extending from the outer periphery of the blower case toward the inside of the engine case.